

Amendments to the Claims

Please cancel Claims 1, 2, 4-10, 12-16, and 18-22 without prejudice or disclaimer.

Please add Claims 23-38 to read as follows.

1.-22. (Cancelled)

23. (New) A printing apparatus for effecting printing with a recording head which is mountable thereto to eject ink, said apparatus including communicating means for communication with an information processing apparatus, said apparatus comprising:

a controller for determining a kind of device among a plurality of kinds in response to a predetermined operation for setting the kind of the printing apparatus, and being operable for the determined kind;

a discriminator for discriminating whether the kind of device is determined or not;

a detector for detecting whether or not the recording head is mounted;

a communication controller for controlling communication with the information processing apparatus by the communicating means and transmitting information based on the kind of device to the information processing apparatus in accordance with a result of discrimination of said discriminator; and

a storing portion for storing the information to determine the kind of device,

wherein in response to detection of mounting of the recording head, said controller causes said storing portion to store information indicating the kind of ink to be ejected from the

mounted recording head stored in the mounted recording head, and said discriminator discriminates that the kind of device is determined when said storing portion stores the information indicating the kind of ink and determines that the kind of device is not determined when said storing portion does not store the information indicating the kind of ink, and wherein when said discriminator discriminates that the kind of device is not determined, said communication controller prohibits the communicating means from communicating with the information processing apparatus, and when said discriminator discriminates that the kind of device is determined, said communication controller permits the communicating means to communicate with the information processing apparatus.

24. (New) An apparatus according to Claim 23, wherein when said discriminator discriminates that the kind of device is not determined, said communication controller effects control so as not to respond to a command inquiring information on the kind of device received from the information processing apparatus.

25. (New) An apparatus according to Claim 23, wherein said controller determines the kind of device of the printing apparatus by reading the information indicating the kind of ink to be ejected from the mounted recording head from memory provided in the recording head in response to an operation of mounting the recording head to the printing apparatus.

26. (New) An apparatus according to Claim 23, wherein the recording head is an ink jet head for effecting the recording by ejecting ink, and the printing apparatus includes an ink

container mounting portion for detachably mounting an ink container containing the ink, and wherein said controller determines the kind of the printing apparatus by reading the information indicating the kind of ink to be ejected from the mounted recording head stored in memory provided in the ink container mounted to said ink container mounting portion.

27. (New) An apparatus according to Claim 23, wherein the recording head is an ink jet head for effecting the recording by ejecting ink, and the printing apparatus includes an ink container mounting portion for detachably mounting an ink container containing the ink, and wherein said controller checks correspondence between information on the kind of ink to be ejected read out of a head memory provided in the recording head mounted thereto and information on the kind of ink to be ejected read out of a container memory provided in the ink container mounted to said ink container mounting portion, and determines the kind of device when the kinds of ink are discriminated as corresponding to each other.

28. (New) An apparatus according to Claim 23, wherein said storing portion stores setting information corresponding to kinds of devices with which the printing apparatus is compatible, wherein said controller reads the setting information corresponding to the determined kind of device out of said storing portion, and controls the printing apparatus so as to operate as the kind of device determined in accordance with the setting information.

29. (New) An apparatus according to Claim 23, wherein said controller discriminates whether operations for setting the kind of device are in conformity with each other or not, and

determines the kind of device of the printing apparatus when a result of discrimination is affirmative.

30. (New) An apparatus according to Claim 23, wherein said controller effects a starting process within a range discriminatable by said discriminator upon actuation of a main switch of the printing apparatus, and after the discrimination of said discriminator, said controller controls the apparatus so as to carry out another starting process.

31. (New) An apparatus according to Claim 30, wherein said controller does not effect a starting process for the communicating means upon actuation of the main switch of the printing apparatus, and after a discriminating operation of said discriminator as to whether the kind of device of the printing apparatus is determined or not, said controller controls the apparatus so as to carry out the starting process for the communicating means.

32. (New) An apparatus according to Claim 23, wherein when said discriminator discriminates that the kind of device is not determined and said detector detects that the recording head is mounted, said communication controller does not prohibit the communicating means from communicating with the information processing apparatus.

33. (New) A control method for a printing apparatus for effecting printing causing a recording head mounted thereto to eject ink, the apparatus including communicating means for communication with an information processing apparatus, said method comprising:

a step of determining a kind of device among a plurality of kinds in response to a predetermined operation for setting the kind of the printing apparatus, and being operable for the kind thus determined;

a step of discriminating whether the kind of device is determined or not;

a step of detecting whether or not the recording head is mounted; and

a step of controlling the apparatus in accordance with the determined kind of device, and controlling the communication of the communicating means with the information processing apparatus and transmitting information based on the kind of device to information processing apparatus, wherein in response to detection of mounting of the recording head, said controlling step causes a storing portion of the printing apparatus to store information indicating the kind of ink to be ejected from the mounted recording head stored in the mounted recording head, and said discriminating step discriminates that the kind of device is determined when the storing portion stores the information indicating the kind of ink and discriminates that the kind of device is not determined when the storing portion does not store the information indicating the kind of ink, and wherein when said discriminating step discriminates that the kind of device is not determined, said controlling step prohibits the communicating means from communicating with the information processing apparatus, and when said discriminating step discriminates that the kind of device is determined, said controlling step permits the communicating means to communicate with the information processing apparatus.

34. (New) A method according to Claim 33, wherein said control step, when a result of the discrimination of said discrimination step is that the kind of device is not determined,

controls the apparatus so as not to respond to a command inquiring information on the kind of device received from the information processing apparatus.

35. (New) A method according to Claim 33, wherein said determining step determines the kind of device of the printing apparatus on the basis of the information indicating the kind of ink to be ejected obtained from the recording head mounted thereto.

36. (New) A method according to Claim 33, wherein the recording head effects the recording by ejecting ink, and wherein said determining step determines, when an ink container containing the ink to be supplied to the recording head is mounted, the kind of device of the printing apparatus on the basis of the information indicating the kind of ink to be ejected from the mounted recording head obtained from the ink container mounted thereto.

37. (New) A method according to Claim 33, wherein the recording head effects recording by ejecting ink, and an ink container containing the ink to be supplied to the recording head is mountable to the printing apparatus, wherein said determining step determines the kind of the printing apparatus when the kind of ink indicated by the information obtained from the recording head mounted thereto and the kind of ink indicated by the information obtained from the ink container mounted thereto correspond to each other.

38. (New) A method according to Claim 33, wherein when said discriminating step discriminates that the kind of device is not determined, and said detecting step detects that the

recording head is mounted, said control step does not prohibit the communicating means from communicating with the information processing apparatus.